

INSTRUCTOR CONTACT INFORMATION	Location: <a href="http://www.aleks.com">http://www.aleks.com</a> and <a href="http://bb91.se.edu">http://bb91.se.edu</a> Instructor: Dr. Karl Frinkle Office: MTH 112 Office Hours: by appointment Office Phone: (580)745-2028 E-mail: <a href="mailto:kfrinkle@se.edu">kfrinkle@se.edu</a> Website: <a href="http://carmine.se.edu/kfrinkle">http://carmine.se.edu/kfrinkle</a>
CATALOG DESCRIPTION	The study of functions, systems of equations, theory of equations, sequences and series, matrices and determinants, combinatorics.
PREREQUISITES	Math ACT of at least 19 or a passing score on the departmental placement exam or Math 0123.
REQUIRED MATERIALS	Text: The text is available as an ebook.  Software: You will need an <i>access code</i> for <i>ALEKS</i> , where all homework and exams are to be completed. The <i>ALEKS course</i> code for this course is: <b>YFH4M-JVPW4</b>  Calculator: <i>ALEKS</i> has a built in calculator, so no calculator is required.
OPTIONAL MATERIALS	Text: <i>College Algebra</i> , 2nd Ed. by John W. Coburn, ISBN # 9780077276492  Calculator: A scientific (at least) calculator.  Access to a scanner, FAX machine, or some other type of document imaging device. If you prefer to do your assignments by hand, please write in a dark pen or pencil so that the images will print clearly when faxed or sent electronically.
TECHNICAL REQUIREMENTS	Available through the Southeastern Online Learning website or <a href="http://www.se.edu/online-learning/technology/hardware-software-requirements/">http://www.se.edu/online-learning/technology/hardware-software-requirements/</a>
NETIQUETTE (INTERNET ETIQUETTE)	Available through the Southeastern Online Learning website or <a href="http://www.se.edu/online-learning/technology/communication-netiquette/">http://www.se.edu/online-learning/technology/communication-netiquette/</a>
LIBRARY AND INFORMATION RESOURCES	Available through the Southeastern Online Learning website or <a href="http://www.se.edu/online-learning/student-services/">http://www.se.edu/online-learning/student-services/</a>
OTHER RESOURCES AND LOCATIONS	None
COURSE OBJECTIVES	The following objectives will be met in this class: <ul style="list-style-type: none"> <li>● Demonstrate with 90% mastery use of basic algebraic concepts and expressions including absolute value, factoring, rational expressions, exponents, and radicals.</li> <li>● Solve linear and quadratic equations including absolute values and inequalities and use those concepts to analyze applied problems.</li> </ul>

- Solve and graph basic algebraic functions.
- Use graphing techniques and transformations to analyze the behavior of functions.
- Solve and graph polynomial and rational functions.
- Solve exponential and logarithmic functions and be able to analyze their graphs in appropriate applications.
- Students will synthesize algebraic concepts to analyze real world problems and discover appropriate methods to reach a solution.

## COURSE SCHEDULE

#	Assignment	Assign Date	Due Date	Pts	Week
1	Section R.1 Homework	June 6th	June 11th	30	1
2	Section R.2 Homework	June 6th	June 11th	30	1
3	Section R.3 Homework	June 6th	June 11th	30	1
4	Section R.4 Homework	June 6th	June 11th	30	1
5	Section R.5 Homework	June 6th	June 11th	30	1
6	Section R.6 Homework	June 6th	June 11th	30	1
7	Week 1 Written Assignment	June 6th	June 11th	30	1
8	Week 1 Discussion Board	June 6th	June 11th	30	1
9	<b>Chapter R Exam</b>	<b>June 12th</b>	<b>June 18th</b>	75	2
10	Section 1.1 Homework	June 6th	June 18th	30	2
11	Section 1.2 Homework	June 6th	June 18th	30	2
12	Section 1.3 Homework	June 6th	June 18th	30	2
13	Section 1.4 Homework	June 6th	June 18th	30	2
14	Week 2 Written Assignment	June 6th	June 18th	30	2
15	Week 2 Discussion Board	June 6th	June 18th	30	2
16	Section 1.5 Homework	June 6th	June 25th	30	3
17	Section 1.6 Homework	June 6th	June 25th	30	3
18	<b>Chapter 1 Exam</b>	<b>June 23rd</b>	<b>June 25th</b>	75	3
19	Section 2.1 Homework	June 6th	June 25th	30	3
20	Section 2.2 Homework	June 6th	June 25th	30	3
21	Section 2.3 Homework	June 6th	June 25th	30	3
22	Week 3 Written Assignment	June 6th	June 25th	30	3
23	Week 3 Discussion Board	June 6th	June 25th	30	3
24	Section 2.4 Homework	June 6th	July 2nd	30	4
25	Section 2.5 Homework	June 6th	July 2nd	30	4
26	Section 2.6 Homework	June 6th	July 2nd	30	4
27	Section 2.7 Homework	June 6th	July 2nd	30	4
28	Section 2.8 Homework	June 6th	July 2nd	30	4
29	<b>Chapter 2 Exam</b>	<b>June 30th</b>	<b>July 2nd</b>	75	4
30	Week 4 Written Assignment	June 30th	July 2nd	75	4
31	Week 4 Discussion Board	June 30th	July 2nd	75	4
32	Section 3.1 Homework	June 6th	July 9th	30	5
33	Section 3.2 Homework	June 6th	July 9th	30	5
34	Section 3.3 Homework	June 6th	July 9th	30	5
35	Section 3.4 Homework	June 6th	July 9th	30	5
36	Week 5 Written Assignment	June 6th	July 9th	30	5
37	Week 5 Discussion Board	June 6th	July 9th	30	5
38	Section 3.5 Homework	June 6th	July 16th	30	6
39	Section 3.6 Homework	June 6th	July 16th	30	6
40	Section 3.7 Homework	June 6th	July 16th	30	6
41	Section 3.8 Homework	June 6th	July 16th	30	6

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42	<b>Chapter 3 Exam</b>	<b>July 14th</b>	<b>July 16th</b>	75	6
43	Week 6 Written Assignment	June 6th	July 16th	30	6
44	Week 6 Discussion Board	June 6th	July 16th	30	6
45	Section 4.1 Homework	June 6th	July 23rd	30	7
46	Section 4.2 Homework	June 6th	July 23rd	30	7
47	Section 4.3 Homework	June 6th	July 23rd	30	7
48	Section 4.4 Homework	June 6th	July 23rd	30	7
49	Section 4.5 Homework	June 6th	July 23rd	30	7
50	<b>Chapter 4 Exam</b>	<b>July 21st</b>	<b>July 23rd</b>	75	7
51	Week 7 Written Assignment	June 6th	July 23rd	30	7
52	Week 7 Discussion Board	June 6th	July 23rd	30	7
53	Section 5.1 Homework	June 6th	July 29th	30	8
54	Section 5.2 Homework	June 6th	July 29th	30	8
55	Section 5.3 Homework	June 6th	July 29th	30	8
56	Section 5.4 Homework	June 6th	July 29th	30	8
57	<b>Chapter 5 Exam</b>	<b>July 27th</b>	<b>July 29th</b>	75	8
58	<b>Cumulative Final Exam</b>	<b>July 28th</b>	<b>July 29th</b>	180	8
59	Week 8 Written Assignment	June 6th	July 29th	30	8
60	Week 8 Discussion Board	June 6th	July 29th	30	8

IMPORTANT DATES  
FOR SUMMER 2011

- 2011.06.06 - Classes begin
- 2011.06.08 - Last day to enroll in or add classes
- 2011.06.08 - Last day to drop a class with no grade record
- 2011.06.08 - Last day to drop a class with refund/no charges
- 2011.06.30 - Last day to drop a class with automatic W
- 2011.06.30 - Last day to complete final application for graduation
- 2011.07.14 - Last day to drop a class
- 2011.07.29 - Classes end

COURSE POLICIES

**Attendance:** The Registrar's office defines attendance in online classes as:

- *Stopped Attending:* Students who were participating online but have stopped submitting any assignments, etc. without contacting/making arrangements with you.
- *Never Attended:* Students who never accessed Blackboard to view the course or never completed any assignments that were due for the course.
- *Excessive Absences:* Students who have submitted some work but are infrequent in their participation or late on assignments-leading to a failing grade.

Since this is an online course, students are expected to be highly self-motivated. Enrollment in this course obligates the student to attend virtual class and to participate in virtual class activities and assignments. **It is imperative that you check the course website every day, at least five (5) times a week.** Lack of participation in this class will negatively affect your grade and/or your financial aide.

**Late Assignments:** No extra assignments will be given any time during the semester to bring up your grade. When extenuating circumstances arise, the instructor has the right to handle the situation on an individual basis. Excuses such as "The system was down" or "I couldn't get to a computer" are not considered extenuating circumstances. Do not wait until the last minute to complete and/or submit assignments and you will not encounter these types of problems.

**Makeup Exams:** No make up tests will be given. It is your responsibility to meet deadlines and

timelines for tests, even if they fall during holidays!

***Expectations of Instructor and Students:*** All students are required to produce their own work unless the activity has been designed as a group project. Evidence of cheating will result in at least a zero for that activity. Students are expected to complete all assignments by the due date, participate in class discussions, and when difficulties arise, contact the instructor.

Students should expect a timely response to email questions and prompt grading and posting of assignments. Unless an announcement was posted indicating my lack of availability, you should receive a response to your email within 24 hours. If you haven't received a response within 24 hours, please email again just in case I overlooked it. Grading of, and posting of scores for, all assignments will be completed before the next assignment is due.

***Other Policies:*** The instructor reserves the right to make adjustments to the syllabus and/or grading policy as needed in order to meet the instructional needs and goals of the class. Students will be notified of any adjustments to the syllabus.

There is a zero-tolerance policy concerning plagiarism and/or duplication of another individual's work. Besides making you feel horrible, you will receive a zero and the policy will be enforced under the guidelines of the *Academic Honesty Policy* for the University. Students are expected to work individually and turn in their own work. Any violation of academic honesty will be reported to the Office of Student Affairs.

The policies regarding academic misconduct are set forth in the institution's *Student Code of Responsibilities and Conduct*. Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.

COURSE  
REQUIREMENTS

***Timeframe for Participation:*** Students are required to participate in *Discussion Board questions*, *ALEKS* assignments, written assignments and online tests. Student participation is critical to the success of the online class. You must be highly self-motivated.

The *Discussion Board* is where you and the instructor will make the class come alive. Participate early in discussion and often. Several areas will be available for posting responses:

- *Introductions and General Class Chat* - this is where we will all introduce ourselves at the beginning of the semester and where any class discussion that is not pertaining to the discussion question for the week is posted.
- *Graded Class Discussions* - this is where you will post your response to the weekly discussion questions and respond to at least two other students' posts. Be sure to read the instructor's comments over the course of the week as well. Post early and often as late posts may not be critiqued in time to receive full credit.
- *Homework and Exam Questions* - this is where you can post questions to homework assignments. Your fellow students should respond to your questions if they can. We should all work together as a team to ensure that everyone understands the material.
- *Just for Fun* - this is where you can post comments to your fellow students that may not pertain to the subject matter of the course. It is a place to have fun and perhaps indulge in some witty banter with your online classmates.
- *ALEKS* - this is a forum for discussing all things pertaining to *ALEKS*, which is the software that you will use and navigating to do your homework and exams.

A question is posted each week under *Graded Discussion* forum. There is no need to type your name, as the computer will automatically post your name when you post your response. Once the deadline

for the question has passed, I will make the posts unavailable. Remember, *Blackboard* automatically tracks and records every click of the mouse. The instructor can see whether or not you have logged on, the date and time you logged on, and what you accessed once you are logged on the sites. This is one way the instructor can determine if you have participated in the assignment and discussions or not.

Your response to the question and your posts to two other students' responses are required before the deadline for that week. Your contributions to the discussion board can add up to 480 points. To receive credit for participating, you must make meaningful contributions to the discussion boards each time a topic is available. Simply "I agree" or "I disagree" is not meaningful. You are required to post your solution/answer to a problem/question on the discussion board; you must also comment on at least 2 other posts for each topic of discussion. The idea is to 'discuss' the problem or topic. Be sure to carefully read and follow the instructions posted with each discussion.

***Approximate Time Required for Individual Activities*** Approximately 20-24 hours per week will be required for successful completion of course requirements.

***Expectations for Communications:*** This course will be conducted using a variety of instructional methods and learning activities, including but not limited to, virtual lectures/chats, discussion boards, homework, exams, written activities, and online activities. Read, read, and re-read directions and information carefully before emailing or calling for help. You will find most of your questions answered in the course syllabus or on the discussion board.

You are required to use your SE student email address when using Blackboard. In addition, you are required to regularly check your SE student email account. All email correspondence will be sent to your SE student email address. Refer to the *Blackboard* login page for details about your SE student email address. Be sure to include your name in the body of every email you send to me.

***Activity and Other Assignment Expectations:*** Weekly assignments will all be posted by the beginning of the semester. The due dates for all assignments are listed in the table above. All components of the weekly assignments: (*ALEKS* homework, written assignments, discussion board posts, etc.) must be submitted by 11:59 p.m. on the due date.

All homework assignments listed as "Section X.Y Homework" will be completed online and submitted to the instructor through *ALEKS*. To access the homework, click on *ALEKS* from the main *Blackboard* menu. After logging into *ALEKS* and selecting the correct course, simply click on the *Homework* menu item near the top of the page. You may work each homework assignment three times, with the best grade being automatically recorded. The homework assignment will be automatically graded and entered in the *ALEKS* gradebook. After the due date for each assignment, I will enter the homework grades into the *Blackboard* gradebook.

All homework assignments listed as "Written Assignments" will be completed and submitted via email. These written assignments are weekly, and can be found by clicking on *Course Content* from the main *Blackboard* menu.

***Survey Expectations:*** Chapter Exams will be completed through *ALEKS*. They will be available for three days, with a designated time limit of two hours. There will be 25 problems on each exam. Do not wait until the last minute to take the exam, as this will almost certainly create a situation where your Internet provider is unavailable or your computer will not operate. If you miss taking the exam during the time it is available, for any reason, a zero will be recorded. Exam dates are listed in the table above.

The final exam is comprehensive and will be administered online through *ALEKS*. The final will be posted for the last two days of the semester (Thursday and Friday), with a designated time limit

of 2.5 hours to complete the exam. There will be thirty problems on the final exam. Again, there will be no makeup exam given. If you miss taking the exam during the time it is available, for any reason, a zero will be recorded.

ASSESSMENT  
(GRADING SYSTEM)

Each activity will incur points. Homework assignments on *ALEKS* are worth 30 points each, and there are 37 homework assignments. At the end of each chapter, there will be an exam, each of which will be worth 75 points. The final exam is cumulative and will be worth 180 points.

Besides homework and exams through *ALEKS*, you will be required to participate in graded online discussions, and to hand in written assignments. There will be one of each of these two types of assignments per week, each being worth 30 points.

Grade Distribution Per Type of Assignment

type	amounts	points	total	percent
homework	37	30	1110	50%
exams	6	75	450	20.27%
final exam	1	180	180	8.11 %
discussion boards	8	30	240	10.81%
written assignments	8	30	240	10.81%

Rounding to the next letter grade is not automatic and will be at the discretion of the instructor. The grading scale is as follows:

Letter Grade	Percentage Range	Points Range
A	90-100 %	1998-2220
B	80-89 %	1776-1997
C	70-79 %	1554-1775
D	60-69 %	1332-1553
F	0-59 %	0-1331

UNIVERSITY AND  
SCHOOL POLICIES

**Privacy:** Available through the Southeastern Online Learning website or <http://www.se.edu/academics/general-information/students-rights/>

**Academic Integrity:** Available through the Southeastern Online Learning website or <http://homepages.se.edu/student-life/files/2009/10/student-handbook.pdf#page=6>

There is a Zero-Tolerance Policy concerning Plagiarism and/or duplication of another individual's work. Besides making you feel horrible, you will receive a zero and the policy will be enforced under the guidelines of the Academic Honesty Policy for the University. Students are expected to work individually and turn in their own work. Any violation of academic honesty will be reported to the Office of Student Affairs. The policies regarding academic misconduct are set forth in the institution's Student Code of Responsibilities and Conduct

**Special Accommodations:** Any student needing special accommodations due to a disability should contact the Coordinator of Student Disability Services, Student Union, Suite 204 or call (580) 745-2254 (TDD# 745-2704). It is the responsibility of each student to make an official request for accommodations to the Coordinator. For additional information, see the Americans with Disability Act on the Southeastern Online Learning website or <http://www.se.edu/ada/>